

SMCCB-07-027-R1

3.2 Medical Requirements Overview

TABLE 3.2: MEDICAL REQUIREMENTS OVERVIEW

MEDB# and Title:	MEDB 1.3 Private Medical Conference
Sponsor:	Medical Operations
IPT:	N/A
Category:	Medical Requirements (MR)
References:	ISS Medical Operations Requirements Document (ISS MORD) SSP50260 Section 3.6.1: Private Medical Conferences Section 3.6.2: Private Medical Conference Communication Section 3.6.3: Privacy of Private Medical Conference Information Medical Evaluation Documents (MED) Volume B Section 1.3
Purpose/Objectives:	To provide consultations between the flight surgeon and U.S. crewmember via private air-to ground loop to discuss medical status, human factors, and habitation systems.
Measurement Parameters:	N/A
Deliverables:	Flight note from Crew Surgeon to Flight Director regarding status of crew health.
Flight Duration:	> 30 days
Number of Flights:	Each long duration expedition
Number and Type of Crew Members Required:	All ISS crewmembers
Other Flight Characteristics:	N/A

SMCCB-07-027-R1

3.3 Preflight Training – No Preflight Training**3.4 Preflight Activities – No Preflight Activities****3.5 In-flight Activities****TABLE 3.5.1: IN-FLIGHT ACTIVITIES**

In-flight Activity	Description:	Consultations will be conducted between the flight surgeon and U.S. crewmember via private air-to ground loop to discuss medical status, human factors, and habitation systems.		
	Schedule:	Duration:	Schedule:	Personnel Required:
		Private Medical Conference 15 min. (ISS Commander and other crewmembers as requested)	Daily, FD 1-5	Flight Surgeon and Crewmember
		Private Medical Conference 15 min. (per crewmember)	Weekly	Flight Surgeon and Crewmember
		Private Medical Conference 15 min. (EVA participant)	Prior to each EVA (within 24 hrs. of suit donning)	Flight Surgeon and Crewmember
		Private Medical Conference 15 min. (EVA participant)	Following each EVA (within 24 hrs. of suit removal)	Flight Surgeon and Crewmember
		Private Medical Conference 15 min. (per crewmember)	Last two days of flight and on the morning of entry/landing	Flight Surgeon and Crewmember
		Private Medical Conference 15 min. (per crewmember)	As clinically indicated	Flight Surgeon and Crewmember
Procedures:	Procedures for conducting PMCs are contained in the BME Checklist and Flip File. Should a medical issue occur, contingency procedures for resolving them are contained in the Systems Operations Data File (SODF) Medical Checklist.			
Constraints / Special Requirements:	A Private Medical Conference may be requested at any time by the Crew Commander, Flight Surgeon (FS), Flight Director (FD), or any crewmember.			
Photo / TV Requirements:	Nominal results require no photo or video. In contingency situations, photo/video may be made available at the Crew Surgeon's request.			
Mission Extension Requirements:	N/A			
Landing Wave-Off Requirements:	N/A			
Data Delivery	Data/Report to Designated Recipients (Nominal/Contingency):			
	Medical information discussed during PMCs will be managed in accordance with the Privacy Act of 1974, as amended.			

SMCCB-07-027-R1

In-flight Activities, (cont.)**TABLE 3.5.2: IN-FLIGHT HARDWARE**

Hardware/Software Name	P/N	ISS Location	Vehicle (Up/Dn)	Category	Late Access / Early Destow/ Early Return	Docked Ops	Weights (kg)	Volume (cm ³)	Dimensions LxWxH (cm)	Power (watts)	Resupply	Download / Downlink
Orbiter Communications Adapter (OCA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	As required
Private Air-to-Ground Loop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	As required

3.6 Postflight Activities – No Postflight Activities

SMCCB-07-027-R1

3.7 Summary Schedule**TABLE 3.7: SUMMARY SCHEDULE**

ACTIVITY	DURATION	SCHEDULE	PERSONNEL REQUIRED	CONSTRAINTS
Preflight Training: N/A				
Preflight Activity: N/A				
In-flight				
Private Medical Conference (ISS Commander and other crewmembers as requested)	15 min.	Daily FD 1-5	Flight Surgeon and Crewmember	A Private Medical Conference may be requested at any time by the Crew Commander, Flight Surgeon (FS), Flight Director (FD), or any crewmember. Participation in PMCs FD 1-5 is at the discretion of the CDR and dependant upon crewmember availability.
Private Medical Conference 15 min. (per crewmember)	15 min.	Weekly	Flight Surgeon and Crewmember	
Private Medical Conference 15 min. (EVA participant)	15 min.	Prior to each EVA (within 24 hrs. of suit donning)	Flight Surgeon and Crewmember	
Private Medical Conference 15 min. (EVA participant)	15 min.	Following each EVA (within 24 hrs. of suit removal)	Flight Surgeon and Crewmember	
Private Medical Conference 15 min. (per crewmember)	15 min.	Last two days of flight and on the morning of entry/landing	Flight Surgeon and Crewmember	
Private Medical Conference 15 min. (per crewmember)	15 min.	As clinically indicated	Flight Surgeon and Crewmember	
Wheels-Stop: N/A				
Postflight: N/A				
Postflight Debrief: N/A				